



SAP30 Monoclonal Antibody

Catalog No	YP-mAb-04960
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SAP30
Immunogen	Synthesized peptide derived from human protein . at AA range: 140-220
Specificity	SAP30 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SAP30;Histone deacetylase complex subunit SAP30 (30 kDa Sin3-associated polypeptide) (Sin3 corepressor complex subunit SAP30) (Sin3-associated polypeptide p30)
Observed Band	24kD
Calculated Molecular Weight	24kD
Cell Pathway	Nucleus.
Tissue Specificity	Expressed in all tissues tested with highest levels in pancreas, ovary, PBL, spleen and thymus; lowest levels in brain, placenta, lung and kidney.
Function	function:Involved in the functional recruitment of the Sin3-histone deacetylase complex (HDAC) to a specific subset of N-CoR corepressor complexes. CaMABLE of transcription repression by N-CoR. Active in deacetylating core histone octamers (when in a complex) but inactive in deacetylating nucleosomal histones.,similarity:Belongs to the SAP30 family.,subunit:Interacts with SIN3A, SIN3B, HDAC2 and NCOR1 (By similarity). Component of the histone deacetylase complex that includes at least SIN3A, HDAC1 and HDAC2. Interacts with HDAC1 and HCFC1.,tissue specificity:Expressed in all tissues tested with highest levels in pancreas, ovary, PBL, spleen and thymus; lowest levels in brain, placenta, lung and kidney.,



Background

Histone acetylation plays a key role in the regulation of eukaryotic gene expression. Histone acetylation and deacetylation are catalyzed by multisubunit complexes. The protein encoded by this gene is a component of the histone deacetylase complex, which includes SIN3, SAP18, HDAC1, HDAC2, RbAp46, RbAp48, and other polypeptides. This complex is active in deacetylating core histone octamers, but inactive in deacetylating nucleosomal histones. A pseudogene of this gene is located on chromosome 3. [provided by RefSeq, Jul 2008],

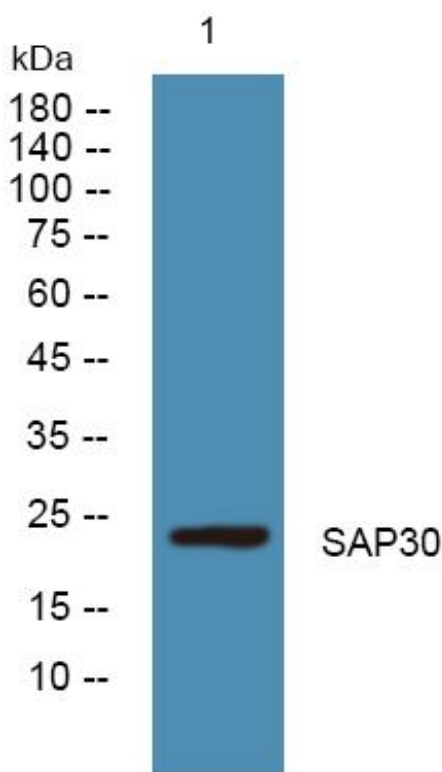
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using SAP30 Monoclonal Antibody